

GENERAL NOTES:

 COORDINATE INSTALLATION REQUIREMENTS WITH DIVISION 22 AND 23 CONTRACTORS. REFER TO EQUIPMENT DATA SCHEDULE ON SHEET E600.

KEYED NOTES:

- 1 PROVIDE AND INSTALL 400A-3P, 480V FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE PER MANUFACTURER'S RECOMMENDATIONS.
- 2 PROVIDE AND INSTALL 30A-3P, 480V DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. PROVIDE UNISTRUT MOUNTING AS REQUIRED.
- 3 PROVIDE AND INSTALL 30A-3P, 480V DISCONNECT SWITCH WITH AUXILIARY CONTACTS IN NEMA 3R ENCLOSURE. COORDINATE INSTALLATION WITH DIVISION 23 CONTRACTOR.
- 4 PROVIDE AND INSTALL 60A-3P, 480V DISCONNECT SWITCH WITH AUXILIARY CONTACTS IN NEMA 3R ENCLOSURE. COORDINATE INSTALLATION WITH DIVISION 23 CONTRACTOR.
- 5 PROVIDE AND INSTALL A SELF REGULATING HEAT TRACE CABLE SYSTEM ON BOTH FOUR INCH CHILLED WATER PIPES. THE HEATING ELEMENT SHALL CONSIST OF A CONTINUOUS CORE OF CONDUCTIVE POLYMER EXTRUDED BETWEEN TWO COPPER WIRES. THE HEAT TRACE SYSTEM SHALL MAINTAIN 40 DEGREES WITH A MINIMUM -20 DEGREE START, 8 WATTS/FOOT. PROVIDE (1) 20A, 120V-1P CIRCUIT INDICATED ON GFCI CIRCUIT BREAKER. COORDINATE INSTALLATION WITH DIV. 23 CONTRACTOR.

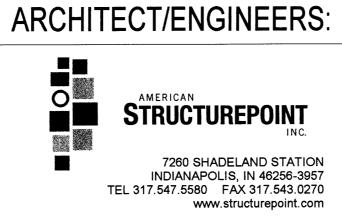
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VA

Date

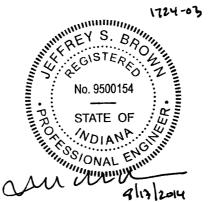
VA FORM 088 -- 6231

VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805



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ROOF PLAN -	- ELECTI	RICAL	
Annewad Project Director			
Approved: Project Director			

Project Title
SPS BASEMENT ADDITION
VA PROJECT # 610A4-12-400

Bu

Contaction

Project Number
2010.00629.0005

Building Number
Construction
and Facilities

Drawing Number
Management

VA Department of Veterans Affairs

Date
08/15/2014

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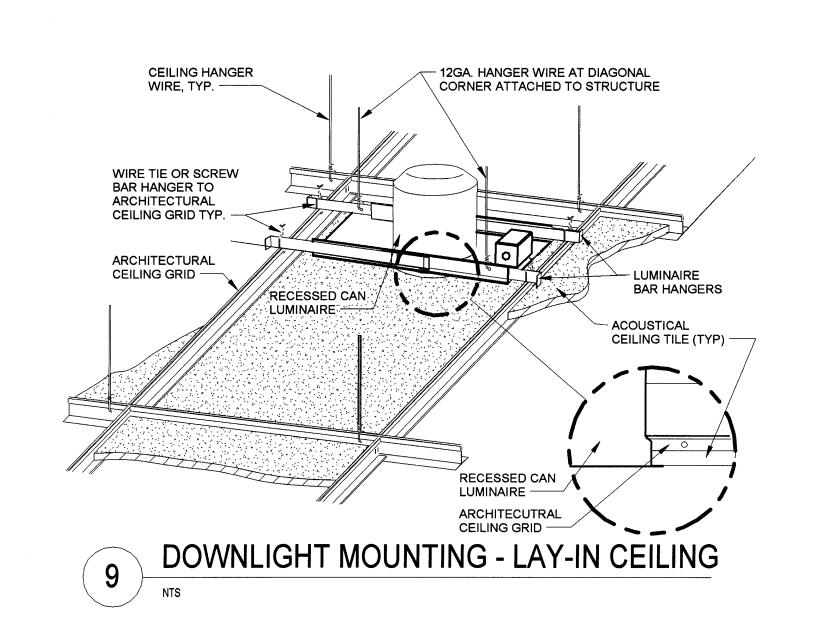
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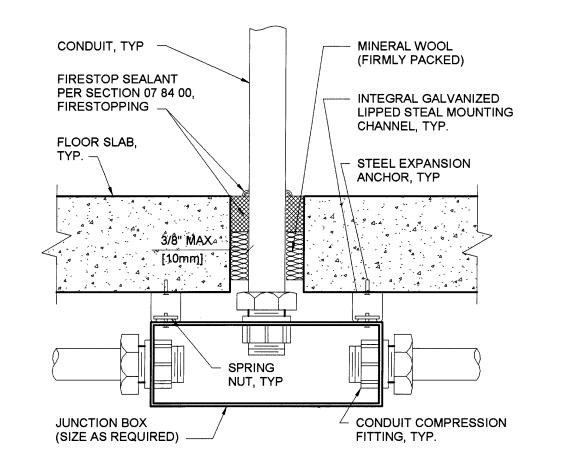
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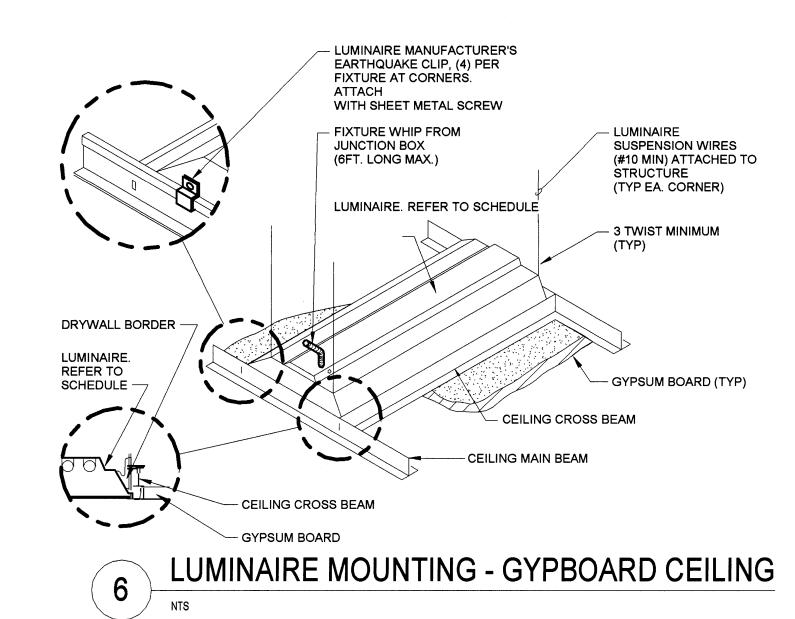
FLOOR SLAB PENETRATION DETAIL

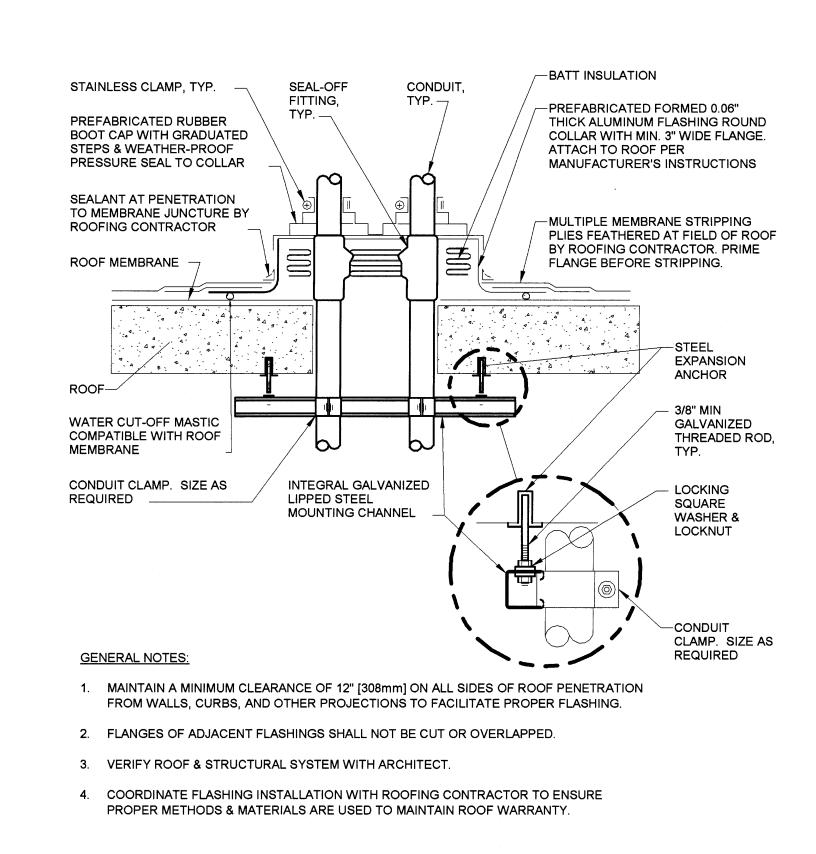
one eighth inch = one foot

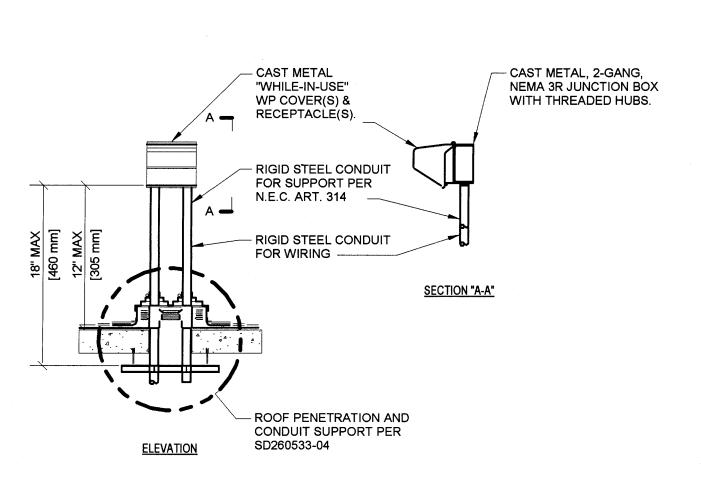
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Revisions:

VA FORM 08-6231

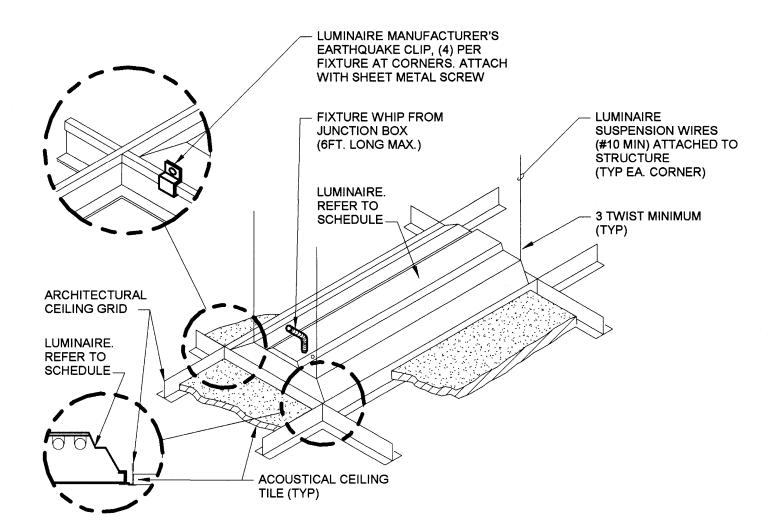




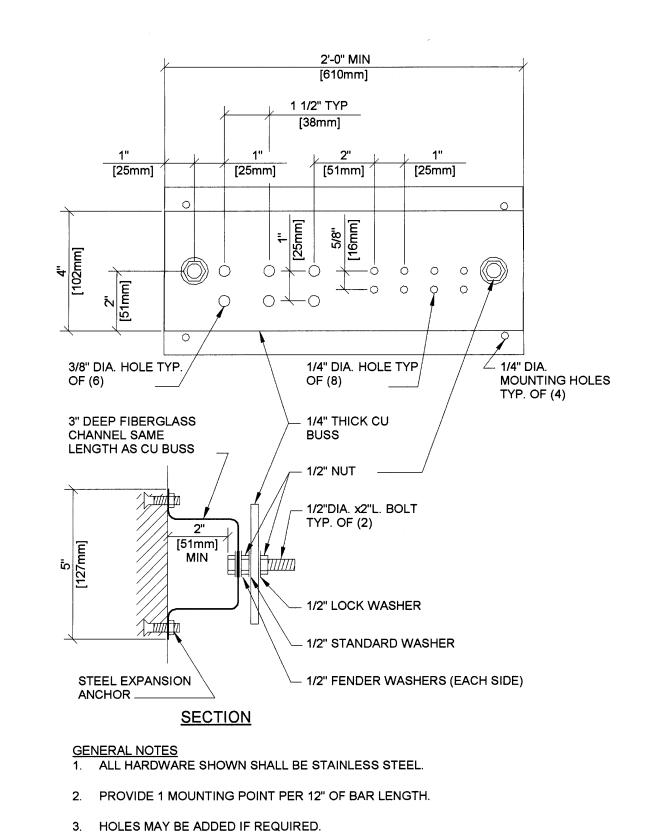


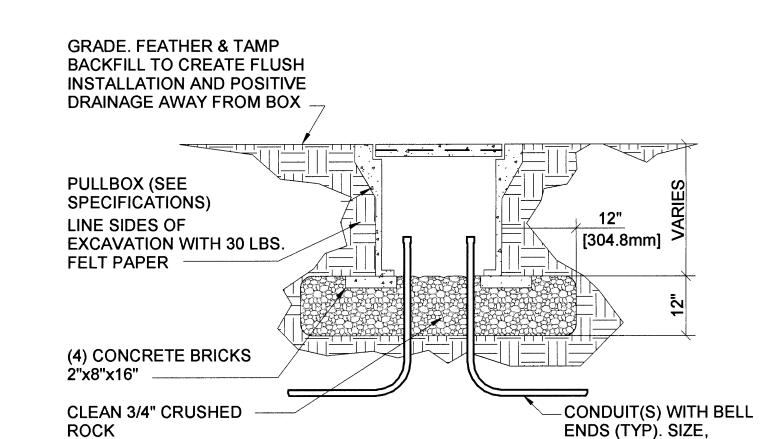
ROOF PENETRATION DETAIL





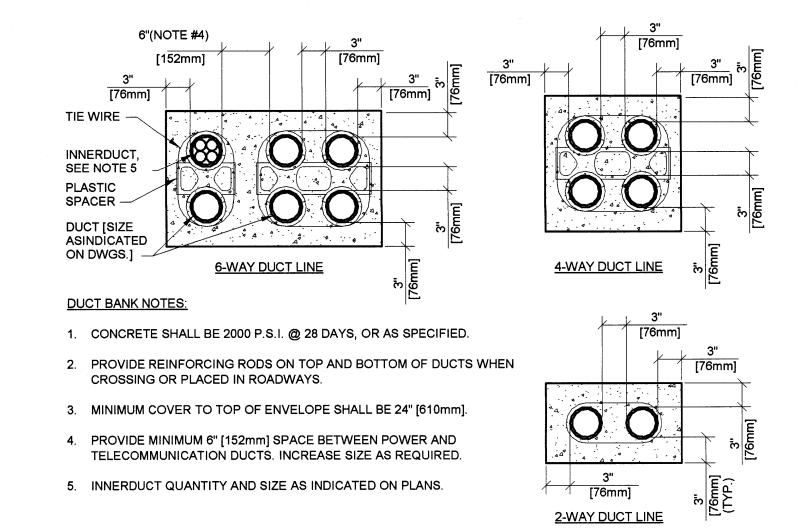


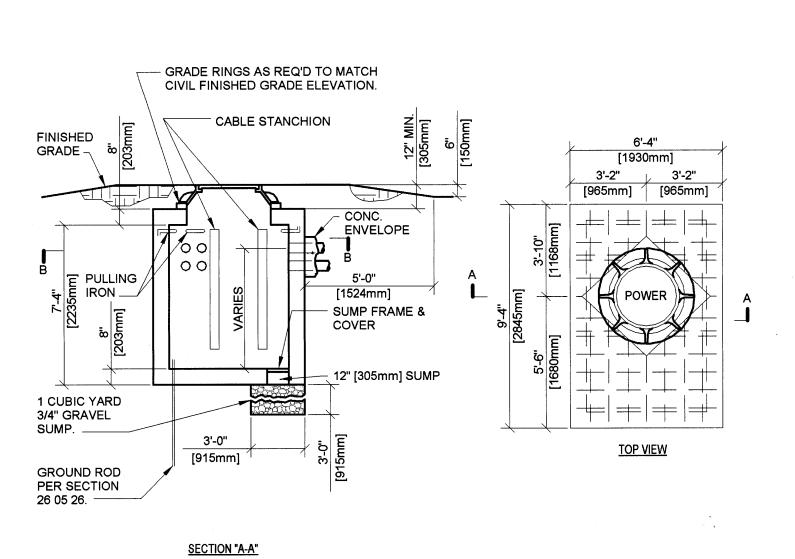


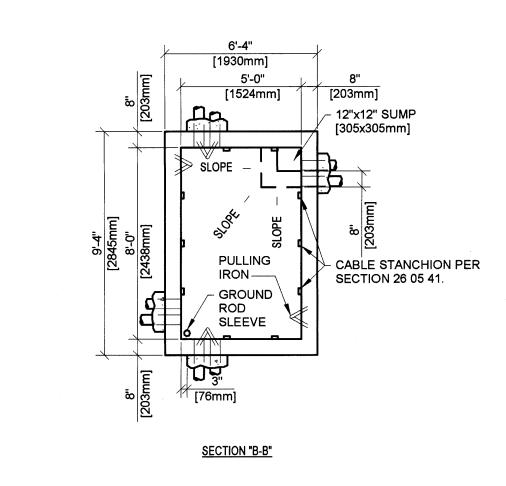


GROUNDING BAR DETAIL









POWER MANHOLE DETAILS

NTS

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VA NORTHERN INDIANA HEALTH CARE SYSTEM FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805

ARCHITECT/ENGINEERS: **STRUCTUREPOINT** 7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com

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THE REGISTERS No. 9500154 STATE OF NOIANA MININGSIONAL EN 8/13/204

ELECTRICAL DETAILS Approved: Project Director

Project Title SPS BASEMENT ADDITION VA PROJECT # 610A4-12-400 2121 Lake Ave. Fort Wayne, IN 46805

08/15/2014

GENERAL NOTES:

1. INCLUDE ALUMINUM LADDER (NOT SHOWN FOR CLARITY)

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> > VA Department of Veterans Affairs

Management

CONSULTANTS:

QUANTITY AND WIRING

AS INDICATED ON

PLANS

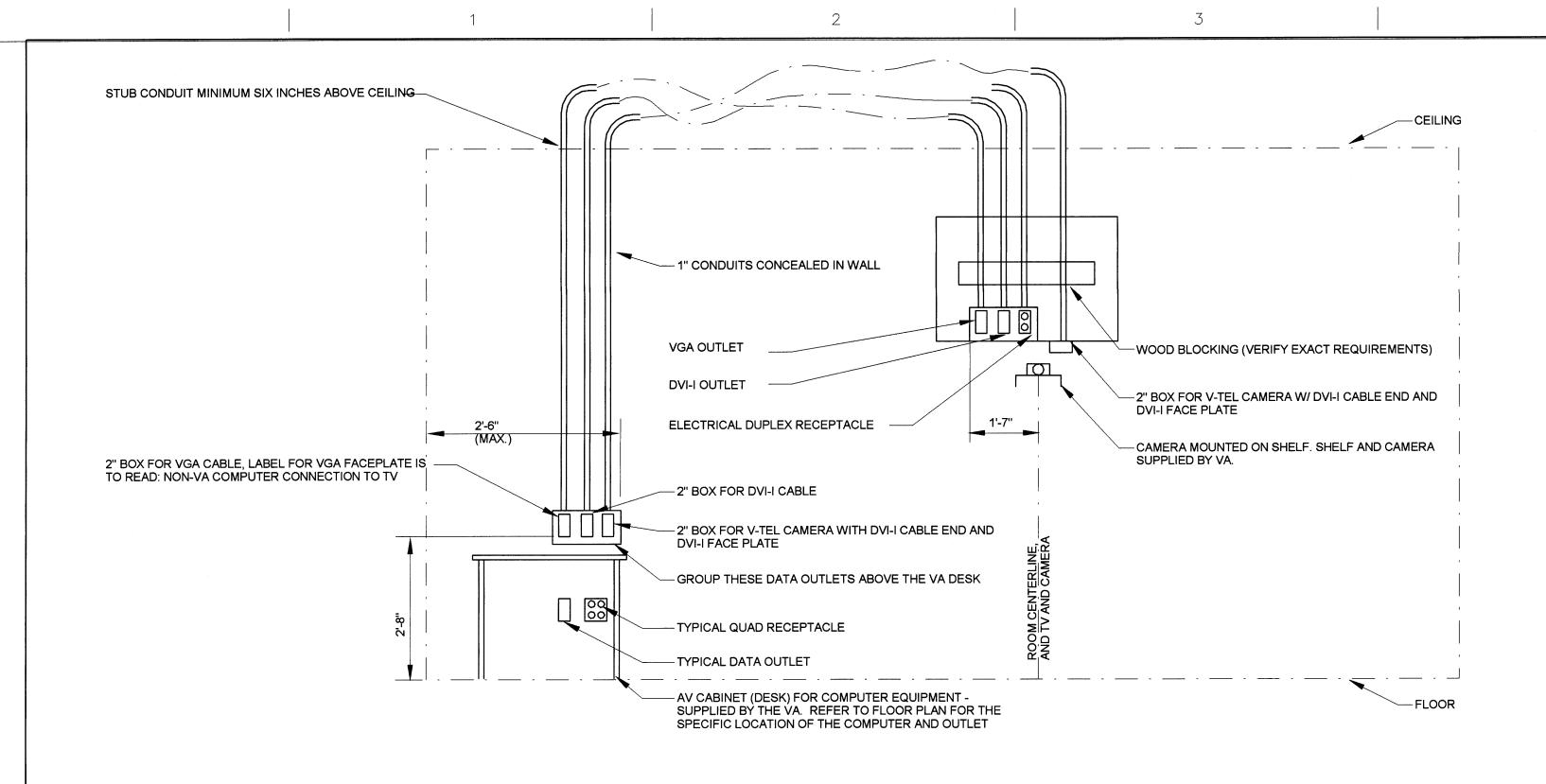
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Drawing Number

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INSTALLATION OF 65" DIAGONAL, V-TEL TELEVISION

DETAIL GENERAL NOTES

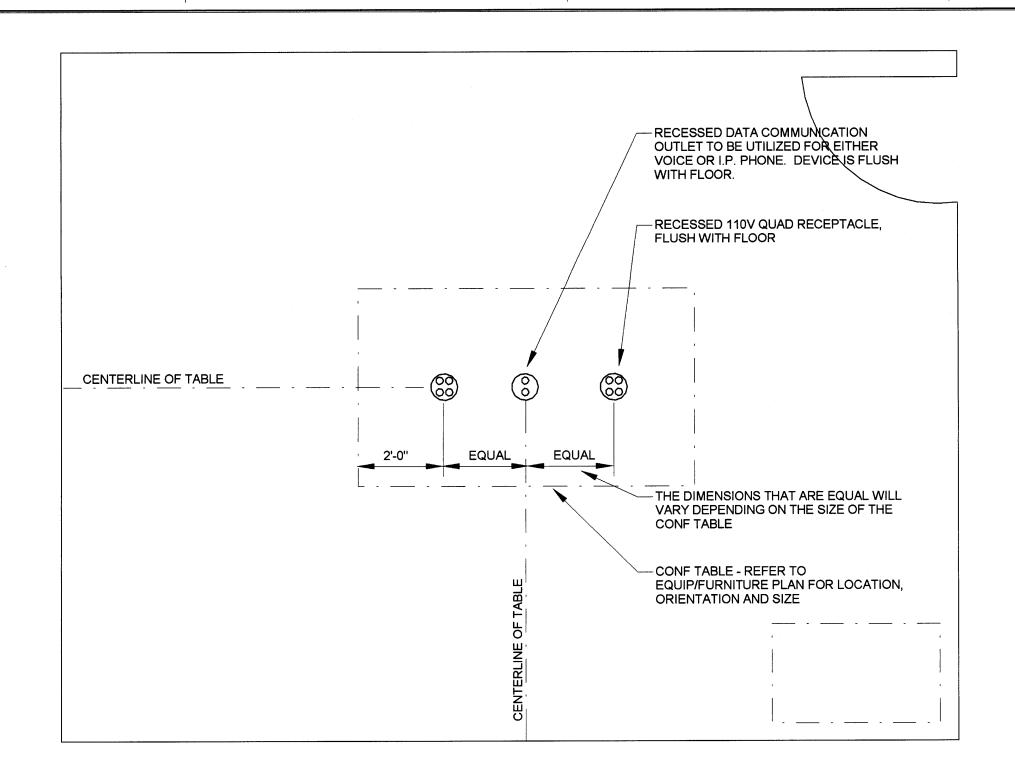
- CONTRACTOR TO FURNISH AND INSTALL BOXES AND CONDUITS.
- CONTRACTOR TO TERMINATE CABLES AND PROVIDE ALL FACE PLATES. CONTRACTOR TO FURNISH AND INSTALL BLOCKING AND MOUNT TV BRACKET.
- CONTRACTOR TO LABEL ALL FACE PLATES.
- DIMENSIONS PROVIDED FOR THE TELEVISION MOUNTING AND THE REQUIRED WOOD BLOCKING ARE TAKEN FROM THE LAST EQUIPMENT SUPPLIED TO THE VA. VERIFY EXACT MOUNTING REQUIREMENTS FOR EACH APPLICATION. 6. THIS INSTALLATION DETAIL WAS PROVIDED BY THE FT WAYNE VA (FT WAYNE OUTPATIENT CLINIC VA-7).
 - NEMA L6 OUTLET AT THE TOP OF EACH RACK FOR FUTURE UPS - UNIVERSAL QUADARACK 4 POST FRAME, 19"X 7'-0"HIGH (BY CHATSWORTH PRODUCTS). SECURE TO FLOOR AND ADD SEISMIC BRACES. — 3/4" B-C PLYWOOD MOUNTED TO FACE OF WALLS - REFER TO FLOOR PLAN 1'-8" OVERHEAD - HORIZONTAL CABLE TRAYS, - VERTICAL CABLE MANAGEMENT BETWEEN ARE NOT SHOWN, FOR CLARITY ALL RACKS

3 O.I.T. ROOM RACK LAYOUT

DETAIL GENERAL NOTES

 THIS DETAIL WAS PROVIDED BY FT WAYNE VA. 2. CONTRACTOR TO VERIFY SPECIFIC O.I.T. ROOM LAYOUTS AND PLACEMENT EQUIPMENT FOR EACH SPECIFIC ROOM. 3. POWER TO EACH RACK SHALL BE DERIVED FROM THE CEILING, NOT VIA THE RAISED FLOOR. CONTRACTOR TO

CLARIFY THE EXACT SPACING AND LOCATION OF THE OUTLETS WITH THE VA PRIOR TO ROUGH-IN.



2 CONFERENCE ROOM - RECESSED FLOOR OUTLETS No scale

DETAIL GENERAL NOTES

—CAT 6 CABLE

CONSULTANTS:

TYPICAL

RACKS IN

O.I.T. RM 53

- 1. THIS DRAWING IS "GENERIC" IN ITS SIZE AND LAYOUT.
- 2. CONTRACTOR TO VERIFY SPECIFIC CONFERENCE ROOM LAYOUTS AND PLACEMENT OF FURNITURE FOR EACH 3. CONTRACTOR TO CLARIFY THE EXACT SPACING AND LOCATION OF THE OUTLETS WITH THE VA PRIOR TO ROUGH-IN.

CAT 6 CABLE

- CAT 6 CABLES

- CABLE TRAY IN CORRIDOR

J-HOOKS FROM CONDUIT TO TRAY -

TYPICAL TELECOMMUNICATIONS

TO THE SYMBOL INDICATES

INSTALLED FROM JACK TO IDF.

PROVIDE A JACK FOR EACH CABLE WALL TELEPHONES SHALL HAVE (1) CABLE INSTALLED FROM JACK TO

- TYPICAL TV OUTLET - PROVIDE (1) 1 1/4" CONDUIT STUBBED ABOVE CEILING, (1) 120V RECEPTACLE, AND 4" SQUARE

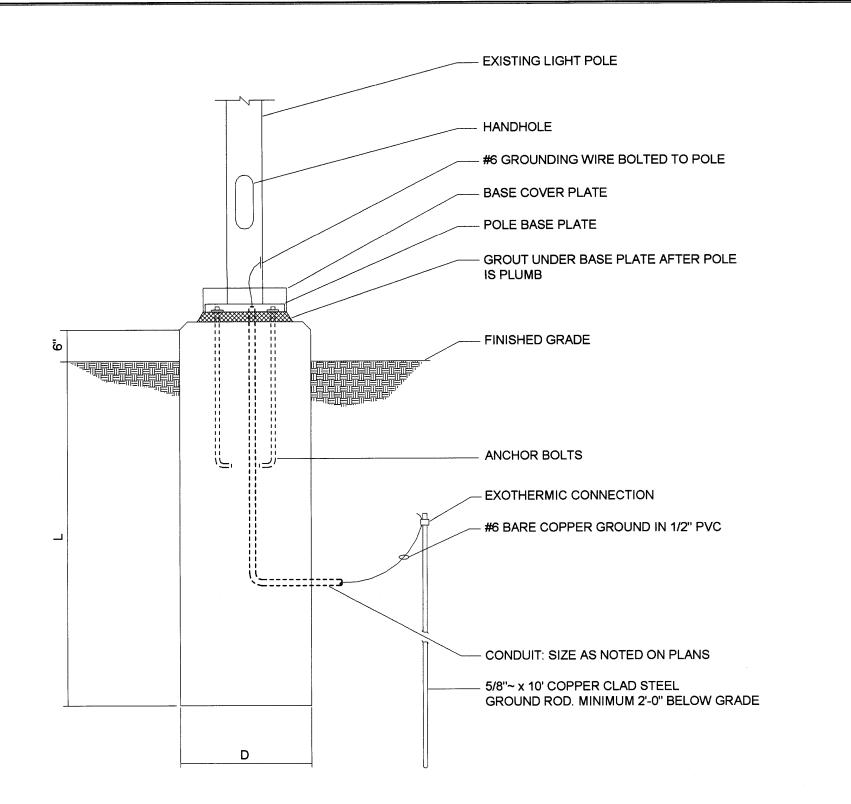
BACKBOX WITH TWO GANG PLASTER RING. WALL

BLOCKING/FRAMING AND TV BY OTHERS.

NUMBER OF CABLES TO BE

JACK. THE NUMBER LOCATED NEXT

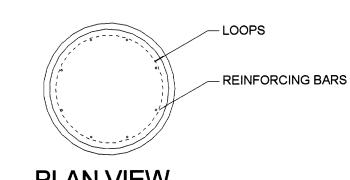
4. CONTRACTOR TO LABEL ALL DATA FACE PLATES. 5. THIS DETAIL WAS PROVIDED BY FT WAYNE VAMC-N.I.H.C.S. (DETAIL #VA-10)



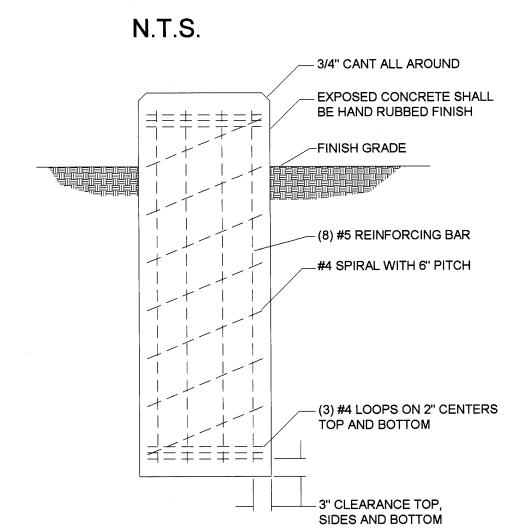
	DIMENSIONS	
Pole Height	L	D
2'-0"	4'-6"	1'-6"
:0'-0''	5'-0"	2'-0"
0'-0"	6'-0''	2'-6"
10'-0"	7'-0''	3'-0"

- 1. VERIFY ANCHOR BOLT LOCATIONS WITH MANUFACTURER'S TEMPLATE PRIOR TO BASE CONSTRUCTION
- 2. REFER TO POLE BASE CONCRETE AND REINFORCING DETAIL FOR ADDITIONAL REQUIREMENTS

5 TYPICAL FLUSH POLE BASE DETAIL NO SCALE



PLAN VIEW



1. USE 3000 PSI 28 DAY STRENGTH CONCRETE FOR POLE BASE

- 2. PLACE CONRETE THE SAME DAY BASE IS DRILLED
- 3. USE SONOTUBE FORM ABOVE GRADE AND EXTEND TO 6" BELOW GRADE
- 4. REFER TO POLE BASE DETAIL FOR DIMENSIONS

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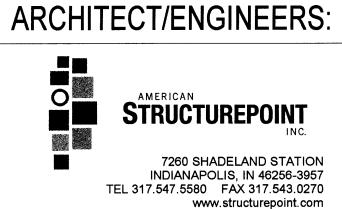
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TYPICAL CONCRETE POLE BASE

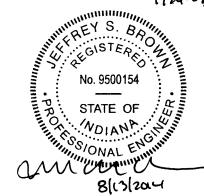
6 AND REINFORCING DETAIL NO SCALE

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Ross & Baruzzini



1724-03 Drawing Title

ELECTRICAL SCHEMATICS Approved: Project Director

- TYPICAL WIRELESS ACCESS POINT. WIRELESS ACCESS POINT SHALL

HAVE (1) CABLE INSTALLED FROM

BUSHING (TYPICAL)

- SWEEPING 90 DEG BEND WITH

TYPICAL WALL MOUNTED

TELEPHONES SHALL HAVE (1)

TELEPHONE JACK. WALL MOUNTED

CABLE INSTALLED FROM JACK TO

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Project Number 2010.00629.0005 Office of Construction Building Number and Facilities Drawing Number Management E401

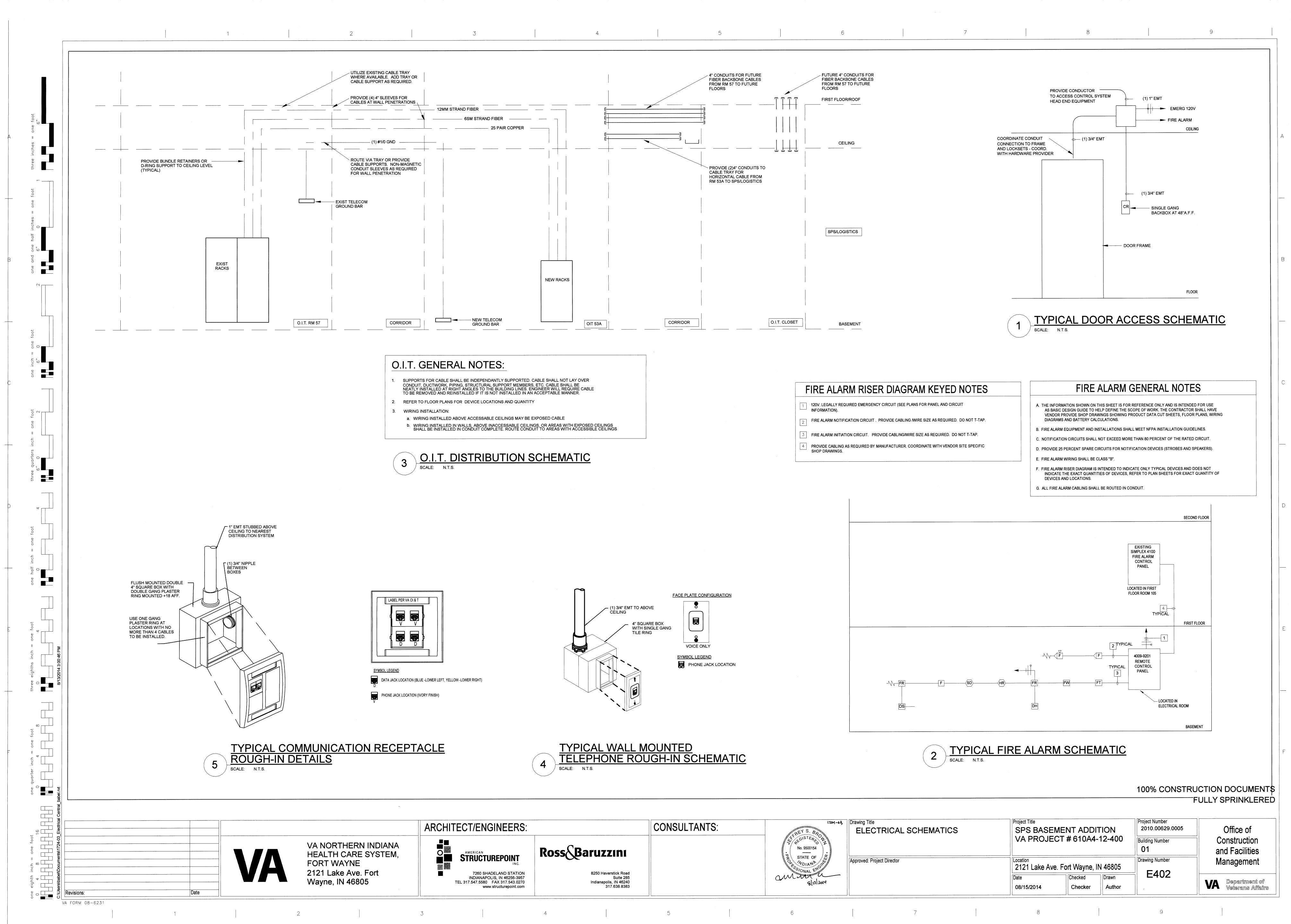
VA Department of Veterans Affairs

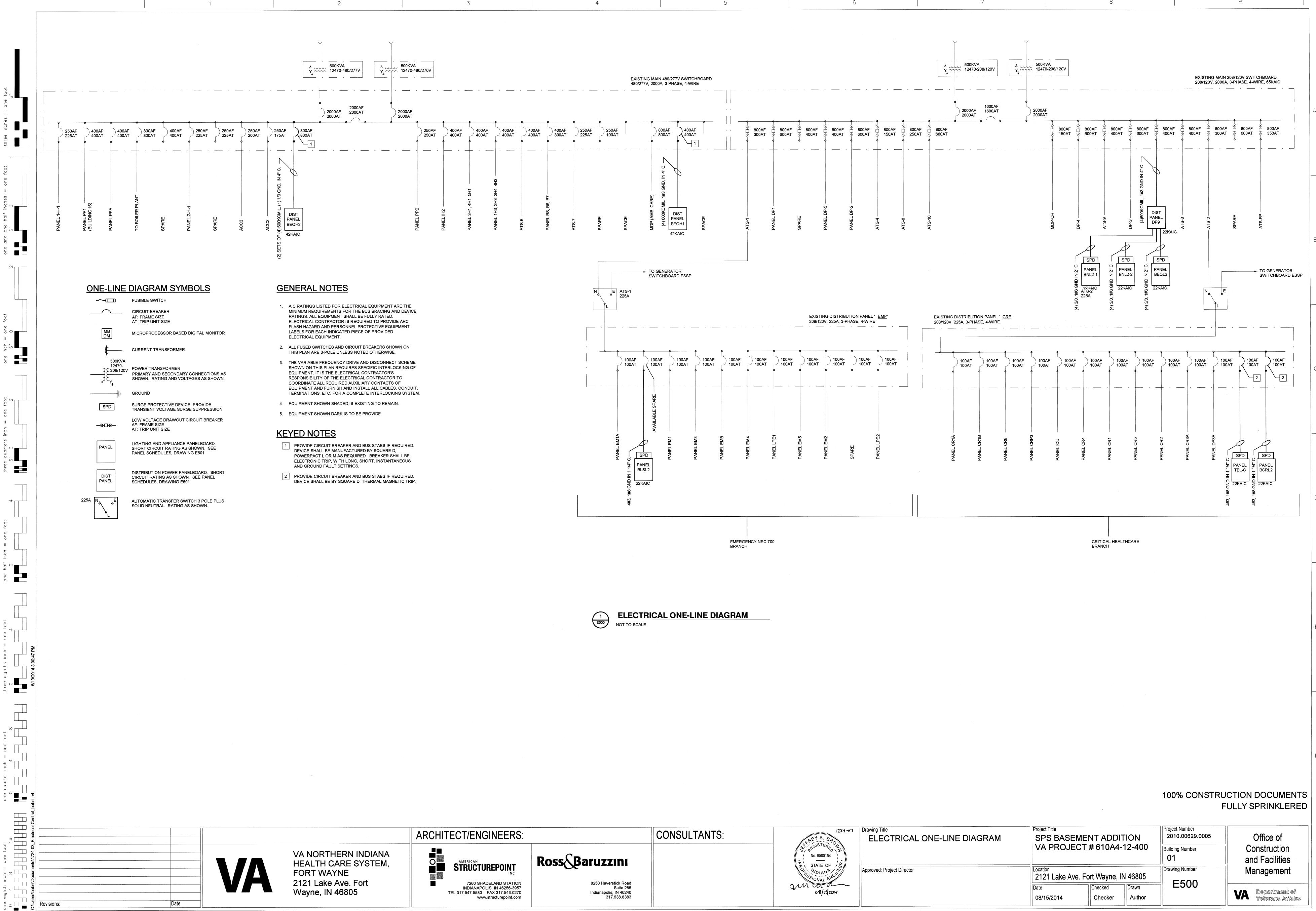
VA FORM 08-6231

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TYPICAL TELECOM SCHEMATIC
No scale





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08/13/2014

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Revisions:

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Management VA Department of Veterans Affairs

E500

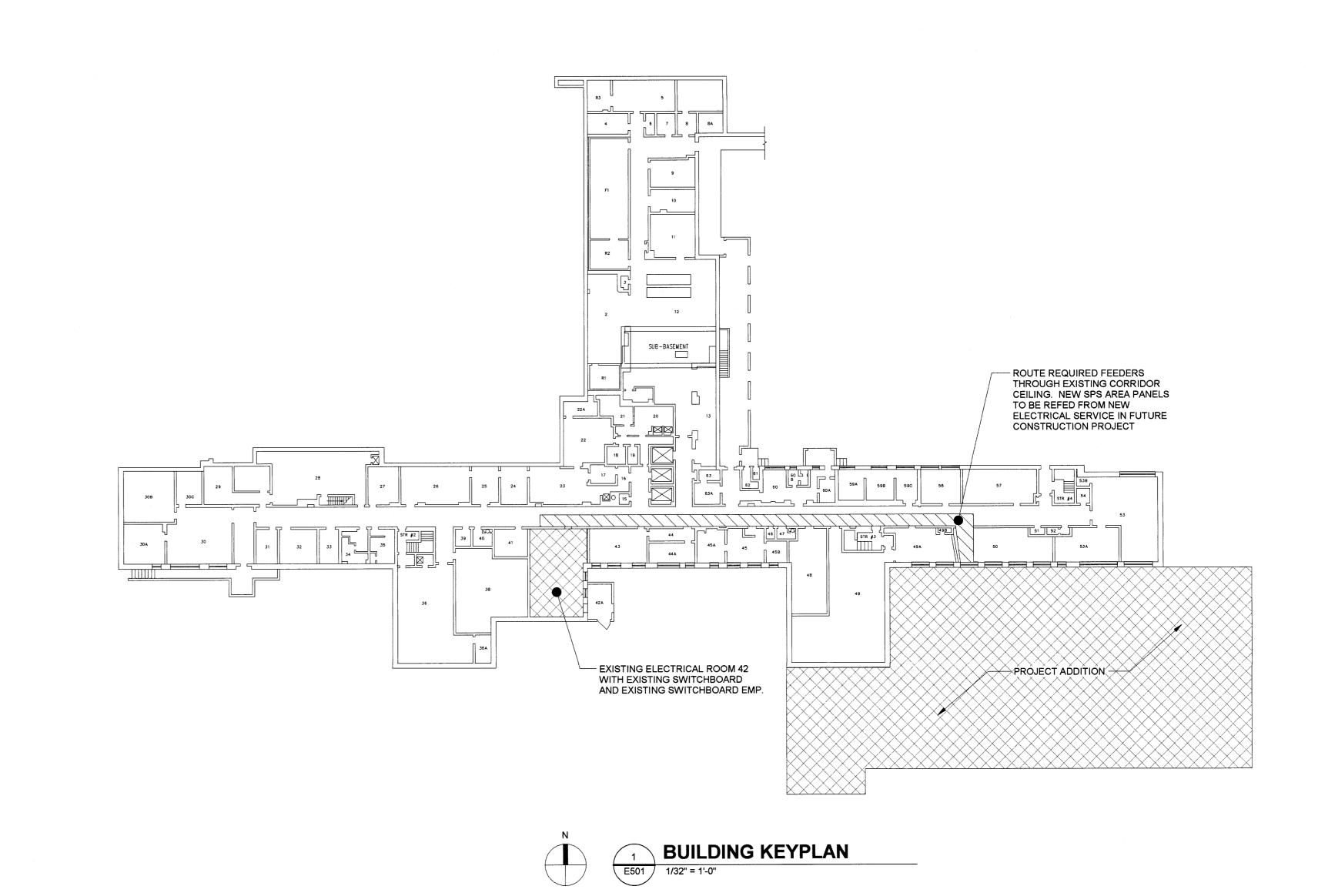
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Ross&Baruzzini

No. 9500154

No. 9

Approved: Project Director

Drawing Title

ELECTRICAL DIAGRAMS SPS BASEMENT ADDITION

Project Number 2010.00629.0005 VA PROJECT # 610A4-12-400 Building Number Drawing Number 2121 Lake Ave. Fort Wayne, IN 46805 E501

Office of Construction and Facilities Management

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CONSULTANTS:

08/15/2014

Checked Drawn Checker Author

VA Department of Veterans Affairs

	LUMINAIF	RE SCHEDULE					
PLAN MARK	DESCRIPTION	MANUFACTURER /CATALOG#	REMARKS	# OF LAMPS	LAMP TYPE	BALLAST TYPE	VOLTAGE
Α	NOMINAL 2' X 4' X 6" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, FULLY GASKETED, SEALED LUMINOUS IMPACT RESISTANT DR ACRYLIC LENS, TOOL-LESS ACCESS, HINGED DOOR FRAME	KENALL ME SERIES, FAILSAFE	NOTE 1, 4, 5, 9, 12, 13, 14	1	50W INTEGRAL LED		120 V
В	NOMINAL 2' X 2' X 4" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, SINGLE SATINE EXTRUDED ACRYLIC LENS WITH UV INHIBITORS, CENTER SPINE, HINGED DOOR FRAME, WHITE TRIM		NOTE 1, 3, 4, 6, 12, 14	1	32W INTEGRAL LED		120 V
С	NOMINAL 2' X 4' X 4" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, SINGLE SATINE EXTRUDED ACRYLIC LENS WITH UV INHIBITORS, CENTER SPINE, HINGED DOOR FRAME, WHITE TRIM		NOTE 1, 2, 3, 4, 6, 12, 14	1	40W INTEGRAL LED		120 V
D	NOMINAL 6" DIA X 7" HIGH DEEP RECESSED LED DOWNLIGHT MODULE WITH CLEAR DIFFUSED REFLECTOR, WHITE FLANGE	CREE LIGHTING KR6 SERIES, GOTHAM, PORTFOLIO, PRESCOLITE	NOTE 2, 3, 4, 5, 12, 14	1	12W INTEGRAL LED	_	120 V
E	NOMINAL 1' X 4' X 4" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, SINGLE SATINE EXTRUDED ACRYLIC LENS WITH UV INHIBITORS, CENTER SPINE, HINGED DOOR FRAME, WHITE TRIM		NOTE 1, 3, 4, 6, 12, 14	1	40W INTEGRAL LED		120 V
EE	NOMINAL 1' X 4' X 4" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, SINGLE SATINE EXTRUDED ACRYLIC LENS WITH UV INHIBITORS, CENTER SPINE, HINGED DOOR FRAME, WHITE TRIM		NOTE 1, 3, 4, 6, 12, 13, 14	1	40W INTEGRAL LED		120 V
F	NOMINAL 2' X 4' X 4" HIGH RECESSED LED TROFFER, WHITE 20 GA COLD STEEL HOUSING, SINGLE SATINE EXTRUDED ACRYLIC LENS WITH UV INHIBITORS, CENTER SPINE, HINGED DOOR FRAME, WHITE TRIM		NOTE 1, 2, 3, 4, 6, 12, 14	1	40W INTEGRAL LED		120 V
FE	2' X 4' LENSED TROFFER, RECESSED, DIE-FORMED COLD-ROLLED STEEL HOUSING, POSITIVE CAM ACTION STEEL LATCHES, INTEGRAL SAFETY HINGES, ACRYLIC LENS, PREMIUM REFLECTANCE BAKED WHITE ENAMEL FINISH, UL LISTED FOR DAMP LOCATIONS		NOTE 1, 3, 4, 6, 12, 13, 14	1	40W INTEGRAL LED		120 V
G	NOMINAL 1' X 4' X 5" HIGH SURFACE MOUNTED LENSED LED VAPORTITE LUMINAIRE, WHITE 20 GA COLD STEEL HOUSING	LITHONIA FEM SERIES, METALUX, COLUMBIA, CREE	NOTE 1, 3, 4, 5, 13, 14	1	LED FURNISHED WITH LUMINAIRE		120 V
K	NOMINAL 3" W X 4' X 4" HIGH CHAIN HUNG LENSED LED INDUSTRIAL LUMINAIRE, WHITE 20 GA COLD STEEL HOUSING, CHAIN MTD	METALUX SNLED SERIES, LITHONIA, COLUMBIA, CREE	NOTE 1, 3, 9, 12, 14	1	50W INTEGRAL LED		120 V
KE	NOMINAL 3" W X 4' X 4" HIGH CHAIN HUNG LENSED LED INDUSTRIAL LUMINAIRE, WHITE 20 GA COLD STEEL HOUSING, CHAIN MTD	METALUX SNLED SERIES, LITHONIA, COLUMBIA, CREE	NOTE 1, 3, 9, 12, 13, 14	1	50W INTEGRAL LED		120 V
M	NOMINAL 6" X 48" L X 3.75" HIGH WALL MOUNTED LED OVERMIRROR LUMINAIRE, EXTRUDED ALUM HOUSING, FULLY GASKETED, SEALED LUMINOUS IMPACT RESISTANT PEARLESCENT LENS, ADA COMPLIANT, STEPPED END CAP, WHITE FINISH		WALL MOUNT., NOTE 1, 3, 4, 6, 9, 12, 14	1	50W INTEGRAL LED		120 V
S	NOMINAL 6" X 48" L SURFACE MOUNTED LED STAIR LUMINAIRE WITH INTEGRAL OCCUPANCY SENSOR, WHITE FINISH		WALL MOUNT. NOTE 3, 4, 6, 9, 12, 13, 14	1	LED FURNISHED WITH LUMINAIRE		120 V
TE	NOMINAL 15" W X 9" H X 12" D WALL MOUNTED EXTERIOR LED LUMINAIRE WITH DIE CAST ALUMINUM HOUSING, TYPE III DISTRIBUTION, FULL CUTOFF, UV STABILIZED POLYCARBONATE LENS, DARK BRONZE FINISH	KENALL FN15L, CREE XSPW, LUMARK, HUBBELL	NOTE 3, 4, 5, 9, 12, 13, 14	1	26 W INTEGRAL LED		
Х	DIE CAST ALUMINUM HOUSING, LED DIRECTIONAL ARROWS AS INDICATED, STENCIL RED LETTERS, WHITE FINISH	LITHONIA LQM, DUAL-LITE, SURE LITES	NOTE 3, 13, 15		LED FURNISHED WITH LUMINAIRE		120 V

LUMINAIRE SCHEDULE GENERAL NOTES:

1. ALL LUMINAIRES SHOWN ON THIS SCHEDULE MAY NOT BE USED ON THE VARIOUS PLANS. ALSO, THE USE OF ONLY CERTAIN NUMERICAL SUBSCRIPTS FOR LUMINAIRE TYPES (e.g. H2, H3, A2, A3, etc.) ON THIS PROJECT DOES NOT NECESSARILY MEAN THAT ON H1 OR A1 IS USED OR MISSING.

CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE, CLIPS, ANGLES, FRAMES, ETC. AS REQUIRED TO MOUNT THE LUMINAIRES IN OR ON THE SURFACES THEY ARE TO BE INSTALLED.

3. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS OF LUMINAIRES.

WHEN INSTALLING LUMINARIES, THE CONTRACTOR SHALL USE THE LUMINAIRE MANUFACTURER'S MOUNTING HARDWARE AND FOLLOW ALL MANUFACTURER'S INSTALLATION DIRECTIONS.

5. ALL RECESSED DOWNLIGHTS MUST BE INSTALLED SO THAT THE BOTTOM OF THE THROAT IS EVEN WITH THE FINISHED CEILING PLANE. THE OVERLAPPING FLANGE MUST THEN FIT FLUSH TO THE CEILING PLANE/THROAT. NO LIGHT LEAK MUST BE VISIBLE. ALL MISCELLANEOUS HARDWARE ABOVE THE CEILING PLANE TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN THE BASE BID.

6. ALL RECESSED DOWNLIGHTS SHALL HAVE SELF-FLANGED REFLECTORS UNLESS OTHERWISE NOTED.

ALL LUMINAIRES SHALL HAVE A U.L. LABEL.

8. WHEN INSTALLING COMPACT FLUORESCENT LAMP LUMINARIES; CONSISTENT LAMP ORIENTATION SHALL BE MAINTAINED IN A GIVEN AREA.

9. IN ALL MECHANICAL ELECTRICAL EQUIPMENT AREAS, CONTRACTOR TO COORDINATE LUMINAIRE LOCATIONS SUCH THAT LUMINAIRES RUN PARALLEL TO THE FACE OF THE EQUIPMENT AND OVER AISLES BETWEEN EQUIPMENT. INSTALL AT EXACT LOCATIONS AND AT EXACT HEIGHT TO ILLUMINATE ALL GAGES, PANELS, CONTROLS, VALVES, ETC. CHAIN HANGING, STEM HANGING, UNISTRUT HANGING, ETC. ARE ACCEPTABLE METHODS.

10. ALL LUMINAIRES SHALL OPERATE AT 120 OR 277 VOLTS OR OTHER VOLTAGE AS REQUIRED BY THE CIRCUITS AND/OR PANELS TO WHICH THEY ARE

11. WHEN LUMINAIRES ARE INSTALLED IN CONTINUOUS ROWS 2 OR MORE, LUMINAIRES SHALL BE APPROVED FOR USE AS WIREWAY.

12. <u>REFER TO SPECIFICATION SECTIONS 265100 AND 265600 FOR ADDITIONAL INFORMATION CONCERNING LUMINAIRES, FINISHES, DRIVERS, LAMPS, ETC.</u>

LUMINAIRE SCHEDULE REMARKS:

LUMINAIRE TO BE SWITCHED.

2. LUMINAIRE TO BE DIMMED VIA SELECTED DIMMING CONTROLS. COORDINATE DIMMING REQUIREMENTS WITH LUMINAIRE

3. LUMINAIRE SHALL HAVE A MINIMUM FULL 5-YEAR WARRANTY.

4. CONTRACTOR TO VERIFY AND COORDINATE LUMINAIRE INSTALLATION AND MOUNTING WITH ARCHITECTURAL DETAILS, HOUSING TYPE, FIELD CONDITIONS, AND CEILING SYSTEM DETAILS, INCLUDING FLANGE

5. LUMINAIRE TO BE U.L. LISTED AND LABELED "SUITABLE FOR WET LOCATIONS".

6. LUMINAIRE TO BE U.L. LISTED AND LABELED "SUITABLE FOR DAMP LOCATIONS."

PROVIDE WIRE GUARD FOR LUMINAIRE.

8. LUMINAIRE SHALL BE MOUNTED AGAINST CABINET FASCIA WITH LENS FACING TOWARD WALL.

UTILIZE MULTI-VOLT (120/277V) BALLAST.

PROVIDE TWO BALLASTS PER LUMINAIRE.

PROVIDE CORD & PLUG OPTION.

12. LUMEN MAINTENANCE (L70) RATED 50,000 HOURS MINIMUM.

PROVIDE INTEGRAL EMERGENCY BATTERY. PROVIDE 4000 KELVAN TEMPERATURE.

UNIVERSAL MOUNT.

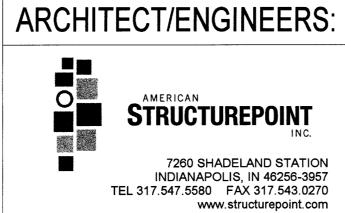
													EQUIPMENT DA	TA SCHEDU	JLE													
					MOT	TOR O	R EQU	IPMENT		MOTOR O	R EQUIPMENT																	
LAN MARK		LOCATION	N				DATA				ATA				DISCON	NECT SWI	ITCH AT EC	QUIPMENT					STA	RTER				
													FEEDER OR		NEMA	SWITCH/					NEMA						CONTRO	
			ROOM	FURNISHED						INSTALLED	CONNECTED	FED	BRANCH CIRCUIT		ENCLOS.	FUSE	FURNISH.		CONN.	NEMA	ENCLOS.		BREAKER	1	FURNISH.	CONN.	WIRING	
	EQUIPMENT	ROOM NAME	NUMBER	BY (1)	HP	KW	AMPS	VOLTS	PHASE	BY	BY	FROM	(2)	TYPE (3)	TYPE	SIZE	BY	INST. BY	BY	SIZE	TYPE	TYPE (4)	/TRIP	(5)	BY	BY	BY	(6)
AHU 1	AIR HANDLING UNIT	ON ROOF		23	25	0	34	480	3	23	26	BEQH1-3	3#8, 1#8 IN 3/4°C.	NF	NEMA 3R	60A	26	26	26		NEMA 1	VFD			26	26	23	
CGP 1	CHILLED WATER GLYCOL PUMP	WATER TREATMENT	49C	23	0	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4"C.									PWCP					23	2
CH 1	CHILLER	ON ROOF		23	1	80	96	480	3	23	26	BEQH1-1	3#3/0, 1#6 IN 2"C.	F	NEMA 3R	200A	26	26	26		NEMA 3R	PWCP			23	26	23	
CU 1	DUCTLESS SPLIT SYSTEM	O.I.T.	53	23	0	7	15	208	1	23	26	TELE-C-18, 20	2#12, 1#12 IN 3/4"C.	F	NEMA 3R	15A	26	26	26								23	6
CUH 1	(CABINET UNIT HEATERR	STAIR 1	B-C-ST1	23	0	0	1	120	1	23	26	BNL2-1-31	2#12, 1#12 IN 3/4"C.														23	2,4
CUH 2	CABINET UNIT HEATER	STORAGE (FUTURE STAIRS)	B-C-ST2	23	0	0	1	120	1	23	26	??	2#12, 1#12 IN 3/4"C.															2,4
CWP 1	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-7	3#12, 1#12 IN 3/4"C.								NEMA 1	VFD			26	26	23	5
CWP 2	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-8	3#12, 1#12 IN 3/4"C								NEMA 1	VFD			26	26	23	5
EF 1	EXHAUST FAN	ON ROOF		23	10	0	14	480	3	23	26	BEQH1-4	3#10, 1#10 IN 3/4"C	F	NEMA 3R	30A	26	26	26									
EF 2	EXHAUST FAN	ON ROOF		23	1/3	0	7	120	1	23	26	BCRL2-8	3#12, 1#12 IN 3/4"C	TOG	NEMA 3R	20A	26	26	26									
EF 3	EXHAUST FAN	ON ROOF		23	3/4	0	14	480	3	23	26	BEQH1-2	3#12, 1#12 IN 3/4"C	F	NEMA 3R	30A	26	26	26									
HGP 1	HEAT RECOVERY GLYCOL PUMP	WATER TREATMENT	49C	23	0	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4°C.									PWCP					23	2
HRP 1	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-9	3#12, 1#12 IN 3/4"C								NEMA 1	VFD			26	26	23	5
HRP 2	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-10	<u>" " </u>								NEMA 1	VFD			26	26	23	5
HWP 1	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-5	3#12, 1#12 IN 3/4"C								NEMA 1	VFD			26	26	23	5
HWP 2	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-6	3#12, 1#12 IN 3/4"C								NEMA 1	VFD			26	26	23	5
HWRP 1	HOT WATER RECIRCULAING PUMP			22	0	0	0	120	1	22	26	BEQL2-22	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26	,							23	
SP 1	SUMP PUMP	CHILLER ROOM	B-C-120	22	1	0	0	120	1	22	26		2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	22	22	26								23	
UH 1	UNIT HEATER	CHILLER ROOM	B-C-120	23	1	0	1	120	1	23	26	BEQL2-18	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26								23	
DIVISI	FICATION DIVISION NUMB ON 23 - MECHANICAL ON 26 - ELECTRICAL	(=) T D					(3) NF F TO RE	- FUSEI G - TOGG)	CLE		MAGNE COMB2 - COMBI START COMB3 - COMBI START COMB4 - COMBI START	NATION FULL VOLTAGE NON-RIETIC STARTER WITH FUSED DIS NATION FULL VOLTAGE NON-RIER WITH UNFUSED DISCONNED NATION FULL VOLTAGE NON-RIER WITH THERMAL MAGNETIC INATION FULL VOLTAGE NON-RIER WITH MAGNETIC ONLY MOLER DISCONNECT	SCONNECT SWITC EVERSING MAGN CT SWITCH EVERSING MAGN MOLDED EVERSING MAGN	CH NETIC MAN - NETIC SDS PWCP NETIC VFD CUIT 2S2W	WITHOUT D MANUAL MO AND REPLA STAR DELT. PREWIRED VARIABLE F 2 SPEED 2 V	DISCONNECT DTOR STARTED VICEABLE THERMA A STARTER CONTROL PANE FREQUENCY DRIV		T SWITCH			HOA WITH PIL	PUSH BUTTON		2. IN D 3. M E- 4. LE BI 5. IN	EMARKS: RE ALARM INTE ITEGRAL DISCOI IVISION 23 OUNT DISCONN QUIPMENT HOUS ESS THAN 1/8 HE REAKER MEANS ITEGRAL DISCOI IVISION 23.	NNECT SWITCH SING P, BRANCH CI OF DISCONN	ON RCUIT IECT.

100% CONSTRUCTION DOCUMENTS **FULLY SPRINKLERED**

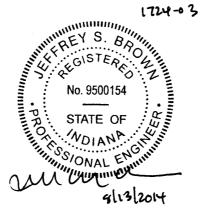


VA FORM 08-6231

VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805



Ross&Baruzzini 8250 Haverstick Road Suite 285 Indianapolis, IN 46240 317.638.8383



1724-03 Drawing Title ELECTRICAL SCHEDULES Approved: Project Director

Project Title SPS BASEMENT ADDITION VA PROJECT # 610A4-12-400

Location 2121 Lake Ave. Fort Wayne, IN 46805

08/15/2014

Project Number 2010.00629.0005 Building Number 01 Drawing Number E600

Office of

Construction

and Facilities

Management

VA Department of Veterans Affairs

CONSULTANTS:

Author Checker

Drawn

Branch Panel: BLSL2			Distribution Panel: DP9		Distribution Panel: BEQH1		
Location: ELECTRICAL B-C-108 Supply From: DISTRIBUTION PANEL EMP Mounting: SURFACE Enclosure: NEMA 1	Volts: 208Y/120V Phases: 3 Wires: 4	A.I.C. Rating: 22,000 Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A	Location: ELECTRICAL B-C-108 Volts: 208Y/12 Supply From: EXISTING MAIN 208/120V Phases: 3 Mounting: SURFACE Wires: 4 Enclosure: NEMA 1	A.I.C. Rating: 22,000 Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A	Location: ELECTRICAL B-C-108 Supply From: EXISTING SWITCHBOARD Mounting: SURFACE Enclosure: NEMA 1	Volts: 480Y/277V Phases: 3 Wires: 4	A.I.C. Rating: 42,000 Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A
			CKT Circuit Description # of Poles	Frame Size Trip Rating Load Remarks	CKT Circuit Description		Trip Rating Load Remarks
	'A 736 VA	Poles Trip Circuit Description CKT 1 20 A LIGHTING 2 1 20 A LIGHTING 4	1 PANEL BNL2-1 3 2 PANEL BNL2-2 3 3 PANEL BEQL2 3	250 A 200 A 27667 VA 250 A 200 A 15000 VA 250 A 200 A 23435 VA	1 CH-1 ON ROOF 2 EF-3 ON ROOF 3 VFD-AHU-1 IN ROOM 49	3 250 A 3 100 A 3 100 A	175 A 80020 VA 15 A 1656 VA 80 A 28267 VA
GHTING 20 A 1	0 VA 687 VA 269 VA 0 VA	1 20 A LIGHTING 4 1 20 A DOOR OPENER / ACCESS 6 1 20 A DOOR OPENER / ACCESS 8	4 SPARE 3	- 100 A 0 VA	4 VFD-EF-1 IN ROOM 49 5 MS-HWP-1 IN ROOM 49	3 100 A 3 100 A	35 A 11639 VA 15 A 2494 VA
GHTING 20 A 1 265 V DOR OPENER / ACCESS 20 A 1 DOR OPENER / ACCESS 20 A 1	VA 0 VA 0 VA 0 VA 0 VA 0 VA 0 VA	1			6 MS-HWP-2 IN ROOM 49 7 MS-CWP-1 IN ROOM 49	3 100 A 3 100 A	15 A 2494 VA 15 A 4157 VA
	A OVA OVA	CARD ACCESS VESTIBULE 110 14 CARD ACCESS ELEC RM 16	9		8 MS-CWP-2 IN ROOM 49 9 MS-HRP-1 IN ROOM 49	3 100 A 3 100 A	15 A 4157 VA 15 A 2827 VA
PARE 0 A 1 PACE 0 VA	0 VA 0 VA	1 0 A SPARE 18 SPACE 20	11		10 MS-HRP-2 IN ROOM 49 11 SPARE 12 SPARE	3 100 A 3	15 A 2827 VA 0 A 0 VA
PACE	0 VA 0 VA	SPACE 22 SPACE 24	12 13 14		12 SPARE 13 SPACE 14		0 A 0 VA
PACE 0 VA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SPACE 26 SPACE 28	14 15 16		15		
ACE Total Load: 1	0 VA 0 VA 226 VA 687 VA 269 VA	SPACE 30	17 18		17 18		
Total Amps:	11 A 6 A 2 A		19 20		19 20	·	
		Panel Totals Total Conn. Load: 2200 VA		Total Conn. Load: 65936 VA Total Amps: 183 A			Conn. Load: 140538 VA Total Amps: 169 A
		Total Conn.: Load: 2200 VA Total Est. Demand: 2636 VA Total Conn.: 6 A		Panel Totals Total Conn. Load: 65936 VA			Panel Totals Total Conn. Load: 140538 VA Total Est. Demand: 140538 VA
		Total Est. Demand: 7 A		Total Est. Demand: 54524 VA Total Conn.: 183 A Total Est. Demand: 151 A			Total Est. Demand: 140538 VA Total Conn.: 169 A Total Est. Demand: 169 A
				Total Est. Demand: 151 A			Total Est. Demand. 100 A
Branch Panel: BCRL2			Branch Panel: BNL2-1		Distribution Panel: BEQH2		
Location: ELECTRICAL B-C-108 Supply From: EMERGENCY SWITCHBOARD	Volts: 208Y/120V Phases: 3	A.I.C. Rating: 22,000 Mains Type: MCB	Location: ELECTRICAL B-C-108 Volts: 208Y/11 Supply From: DP9 Phases: 3	A.I.C. Rating: 22,000 Mains Type: MLO	Location: ELECTRICAL B-C-108 Supply From: EXISTING SWITCHBOARD	Volts: 480Y/277V Phases: 3	A.I.C. Rating: 42,000 Mains Type: MCB
Mounting: SURFACE Enclosure: NEMA 1	Wires: 4	Mains Rating: 100 A MCB Rating: 100 A	Mounting: SURFACE Wires: 4 Enclosure: NEMA 1	Mains Rating: 225 A MCB Rating: N/A	Mounting: SURFACE Enclosure: NEMA 1	Wires: 4	Mains Rating: 800 A MCB Rating: 800 A
		· · · · · · · · · · · · · · · · · · ·		~			
					CKT Circuit Description		Trip Rating Load Remarks
	A 720 VA	Poles Trip Circuit Description CKT 1 20 A RECEPTACLE B-C-120 2	CKT Circuit Description Trip Poles A B 1 LIGHTING 20 A 1 2015 1346	C Poles Trip Circuit Description CKT 1 20 A LIGHTING 2	2 SL2 STERILIZER B-C-106D	3 100 A 3 100 A	15 A 2727 VA 15 A 2127 VA
TING 20 A 1 EPTACLE B-C-120 20 A 1	520 VA 720 VA 900 VA 540 VA	1 20 A RECEPTACLE ROOM 49 4 1 20 A RECEPTACLE AT EF-1,2, AHU-1 ON ROOF 6	3 LIGHTING 20 A 1 275 VA 1179 5 LIGHTING 20 A 1	1 20 A LIGHTING 4 857 VA 1254 1 20 A LIGHTING 6	3 SH1 STERILIZER B-C-106D 4 SH2 STERILIZER B-C-106D	3 250 A 3 250 A	125 A 72000 VA 125 A 72000 VA 0 DEMAND (REDUI
IN MOTOR CHILLER ROOM B-C-120 20 A 1 1200. RE 0 A 1	864 VA 0 VA	1 20 A EF-2 ON ROOF 8 1 0 A SPARE 10	7 LIGHTING 20 A 1 395 VA 890 VA 9 RECEPTACLE B-C-EL1 20 A 1 720 VA 845 VA			3 100 A 3 400 A 3 400 A	100 A 0 VA SPARE 300 A 180000 VA 0 DEMAND (REDUNCTION)
RE 0 A 1	0 VA 0 VA	1 0 A SPARE 12 1 0 A SPARE 14	11 RECEPTACLE B-C-EL2 20 A 1 13 RECEPTACLE B-C-104 20 A 1 720 VA 900 VA	900 VA 845 VA 1 20 A LIGHTING 12 1 20 A RECEPTACLE B-C-104A 14	8 SPACE 9 AC1 AIR COMPRESSOR ROOM 49C	3 100 A 3 100 A	- 0 VA SPACE 30 A 12637 VA
RE 0 A 1 RE 0 A 1	0 VA 0 VA 0 VA 0 VA	1 0 A SPARE 16 1 0 A SPARE 18	15 RECEPTACLE B-C-101, B-C-102B 20 A 1 360 VA 1080 17 RECEPTACLE B-C-102, B-C-102A 20 A 1	1 20 A RECEPTACLE B-C-105 16 900 VA 540 VA 1 20 A RECEPTACLE B-C-105 18	10 CW1 CART WASHER B-C-102D	3 100 A 3 100 A	20 A 11224 VA 100 A 30000 VA 3 HP BLOWER, 11 I
E 0 VA	0 VA 0 VA	SPACE 20 SPACE 22	19 RECEPTACLE B-C-106E 20 A 1 540 VA 180 VA 21 RECEPTACLE B-C-106A 20 A 1 900 VA 360 VA		12		,
	0 VA 0 VA	SPACE 24 SPACE 26	23 RECEPTACLE B-C-106, B-C-106A 20 A 1 25 RECEPTACLE B-C-103 20 A 1 1080 360 VA	360 VA 720 VA 1 20 A RECEPTACLE B-C-103A 24 1 20 A RECEPTACLE B-C-103A 26	14		
= <u></u>		SPACE 28 SPACE 30	27 RECEPTACLE B-C-103C 20 A 1 720 VA 720 VA 29 RECEPTACLE B-C-103 20 A 1	500 VA 360 VA 1 20 A RECEPTACLE B-C-103B 30	17		
Total Load: 28	349 VA 1240 VA 1440 VA 24 A 10 A 12 A		31 RECEPTACLE CORRIDOR B-C-C1 20 A 1 720 VA 720 VA 33 RECEPTACLE CORRIDOR B-C-C2 20 A 1 540 VA 1080	1 20 A RECEPTACLE B-C-EL3 32 1 20 A RECEPTACLE CHILLER ROOM 49, B-C-120 34	19		
		Panel Totals	35 RECEPTACLE B-C-100, B-C-ST2, EXTERIOR 20 A 1 360 VA 0 VA 20 A 1 360 VA 0 VA	720 VA 0 VA 1 20 A OTHER VAV CONTROL TX ROOM 49C 36 1 20 A OTHER VAV CONTROL TX ROOM 49C 38			I Conn. Load: 562715 VA
		Total Conn. Load: 5529 VA Total Est. Demand: 5829 VA	39 RECEPTACLE ELECTRICAL B-C-108 20 A 1 900 VA 0 VA 41 RECEPTACLE - FIRST FLOOR 20 A 1	0 VA 0 VA 1 20 A SPARE 42			Total Amps: 677 A Panel Totals Total Conn. Load: 562715 VA
		Total Conn.: 15 A Total Est. Demand: 16 A	Total Load: 10226 VA 9679 VA Total Amps: 87 A 83 A	7956 VA 66 A			Total Conn.: 677 A Total Conn.: 677 A
				Panel Totals			Total Est. Demand: 374 A
				Total Conn. Load: 27890 VA Total Est. Demand: 25581 VA			
Branch Panel: TELE-C Location: OIT 53A	Volts: 208Y/120V	A.I.C. Rating: 22,000		Total Conn.: 77 A Total Est. Demand: 71 A	Branch Panel: BEQL2 Location: ELECTRICAL B-C-108	Volts: 208Y/120V	A.I.C. Rating: 22,000
Supply From: EMERGENCY SWITCHBOARD Mounting: SURFACE	Phases: 3 Wires: 4	Mains Type: MCB Mains Rating: 100 A			Supply From: DP9 Mounting: SURFACE	Phases: 3 Wires: 4	Mains Type: MLO Mains Rating: 225 A
Enclosure: NEMA 1		MCB Rating: 100 A	Branch Panel: BNL2-2		Enclosure: NEMA 1		MCB Rating: N / A
			Location: ELECTRICAL B-C-108 Volts: 208Y/15 Supply From: DP9 Phases: 3	A.I.C. Rating: 22,000 Mains Type: MLO			
Circuit Description Trip Poles		Poles Trip Circuit Description CKT	Mounting: SURFACE Wires: 4 Enclosure: NEMA 1	Mains Rating: 225 A MCB Rating: N / A	CKT Circuit Description Trip Poles		Poles Trip Circuit Description
PTACLE OIT 53A 20 A 1	A 250 VA 720 VA 250 VA	2 20 A RECEPTACLE RACK 1 OIT 53A 2 4 6			1 LIGHTING 20 A 1 777 3 SPARE 20 A 1 5 LIGHTING 20 A 1	7 VA 935 VA 0 VA 0 VA 1260	1 20 A LIGHTING 1 20 A SPARE 1 20 A RECEPTACLE B-C-106D
	720 VA 250 VA 250 VA	2 20 A RECEPTACLE RACK 2 OIT 53A 8			7 RECEPTACLE RO1 ROOM 49C 20 A 2	0 VA 180 VA 250 VA 180 VA 250 VA 180 VA	1 20 A RECEPTACLE SS1 B-C-106E 1 20 A RECEPTACLE SS2 B-C-106E
PTACLE OIT CLOSET 107 20 A 1	100 VA 250 VA 0 VA 250 VA	2 20 A RECEPTACLE RACK 3 OIT 53A 12	1 RECEPTACLE B-C-109 20 A 1 500 VA 180 VA	C Poles Trip Circuit Description CKT 1 20 A RECEPTACLE B-C-109 2 1 20 A RECEPTACLE B-C-109 4	11 RECEPTACLE RO1 ROOM 49C 20 A 1	VA 180 VA 180 VA	1 20 A FLOOR RECEPTACLE B-C-106C 1 20 A FLOOR RECEPTACLE B-C-106C
RE 20 A 1	0 VA 250 VA	2 20 A RECEPTACLE RACK 4 OIT 53A 16	5 RECEPTACLE B-C-109 20 A 1	1 20 A RECEPTACLE B-C-109 4 900 VA 180 VA 1 20 A RECEPTACLE B-C-109 6 1 20 A RECEPTACLE B-C-109 8	15 SG2 CONTROLS ROOM49C 20 A 1	0 VA 500 VA 360 VA 100 VA	1 20 A OTHER DDC PANEL ROOM 49C 1 20 A OTHER UH-1 RM B-C-129
	0 VA 0 VA	2 20 A CU-1 18 20	9 RECEPTACLE B-C-106A, B-C-113A 20 A 1 720 VA 540 VA	1 20 A RECEPTACLE B-C-111 10	19 RECEPTACLE B-C-102C 20 A 1 540	0 VA 1660 720 VA 480 VA	1 20 A OTHER GLYCOL PUMPS 49C 1 20 A OTHER
RE 20 A 1 20 A 1	0 VA 0 VA 0 VA 0 VA	2 20 A SPARE 22 24	13 RECEPTACLE B-C-113 20 A 1 1260 180 VA	1 20 A RECEPTACLE B-C-111 14	23 RECEPTACLE B-C-106C 20 A 1	900 VA 0 VA	1 20 A SPARE 1 20 A SPARE
DE 0 VA	0 VA 0 VA	SPACE 26 SPACE 28		1 20 A RECEPTACLE B-C-112 16 900 VA 720 VA 1 20 A RECEPTACLE B-C-112A 18	27 DWH-1 RECEPT WATER TREATMENT 49C 20 A 1	56 0 VA 180 VA 3690	
	70 VA 1570 VA 1220 VA	SPACE 30	19 RECEPTACLE B-C-115 20 A 1 720 VA 1080 21 RECEPTACLE B-C 20 A 1 720 VA 0 VA		31 SPARE 20 A 1 0	VA 3690 180 VA 3690	3 60 A UC1 ULTRASONIC CLEANER B-C-
Total Amps:	13 A 13 A 10 A	Panel Totals	23 RECEPTACLE C-115 20 A 1 20 A 1 25 RECEPTACLE C-115 20 A 1 0 VA	0 VA 0 VA 1 20 A CART PREP-CRASH CART RECEPTACLE 24 1 20 A CART PREP-CRASH CART RECEPTACLE 26	35 SPARE 20 A 1	0 VA 0 VA 0 VA 0 VA 0 VA	1 20 A SPARE 1 20 A SPARE
		Total Conn. Load: 4260 VA	27 RECEPTACLE C-115 20 A 1 0 VA 0 VA 29 RECEPTACLE C-115 20 A 1	0 VA 0 VA 1 20 A CART PREP-CRASH CART RECEPTACLE 30	39 SPARE 20 A 1	VA 0 VA 0 VA 0 VA 0 VA	1 20 A SPARE 1 20 A SPARE 1 20 A SPARE
		Total Est. Demand: 4260 VA Total Conn.: 12 A	31 INTRUSION DETECTION SYSTEM 20 A 1 500 VA 0 VA		Total Load:	9868 VA 6000 VA 7675 VA 84 A 50 A 66 A	1 20 A SPARE
		Total Est. Demand: 12 A	35 SPARE 20 A 1 37 SPARE 20 A 1 0 VA 0 VA	0 VA 0 VA 1 20 A SPARE 36 1 20 A SPARE 38		04A 30A 00A	Panel Totals
				0 VA 0 VA 1 20 A SPARE 42	<u> </u>		Total Conn. Load: 23546 VA
			Total Load: 5680 VA 5540 VA Total Amps: 50 A 48 A	3780 VA 32 A			Total Est. Demand: 24372 VA Total Conn.: 65 A
				Panel Totals			Total Est. Demand: 68 A
				Total Conn. Load: 14500 VA			
				Total Est. Demand: 12385 VA			
				Total Est. Demand: 12385 VA Total Conn.: 40 A Total Est. Demand: 34 A			
				Total Conn.: 40 A			
				Total Conn.: 40 A			100% CONSTRUCTION

	Location: ELECTRICAL B-C-108 Supply From: EXISTING SWITCHBOARD Mounting: SURFACE Enclosure: NEMA 1	Volts: 480Y/2 Phases: 3 Wires: 4	77V		A.I.C. Rating Mains Type Mains Rating MCB Rating	: MCB : 400 A
СКТ	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	CH-1 ON ROOF	3	250 A	175 A	80020 VA	
2	EF-3 ON ROOF	3	100 A	15 A	1656 VA	
3	VFD-AHU-1 IN ROOM 49	3	100 A	80 A	28267 VA	
4	VFD-EF-1 IN ROOM 49	3	100 A	35 A	11639 VA	
5	MS-HWP-1 IN ROOM 49	3	100 A	15 A	2494 VA	
6	MS-HWP-2 IN ROOM 49	3	100 A	15 A	2494 VA	
7	MS-CWP-1 IN ROOM 49	3	100 A	15 A	4157 VA	
8	MS-CWP-2 IN ROOM 49	3	100 A	15 A	4157 VA	
9	MS-HRP-1 IN ROOM 49	3	100 A	15 A	2827 VA	
10	MS-HRP-2 IN ROOM 49	3	100 A	15 A	2827 VA	
11	SPARE	3	-	0 A	0 VA	
12	SPARE	3		0 A	0 VA	
13	SPACE				0 VA	
14						
15						
16						
17						
18						
19						
20						
				Total Conn. Load:	140538 VA	
				Total Amps:	169 A	
						Panel Totals
						nn. Load: 140538 VA Demand: 140538 VA

	Location: ELECTRICAL B-C-108 Supply From: EXISTING SWITCHBOARD Mounting: SURFACE Enclosure: NEMA 1	Volts: 480Y/27 Phases: 3 Wires: 4	77V		A.I.C. Rating Mains Type Mains Rating MCB Rating	: MCB : 800 A
СКТ	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	SL1 STERILIZER B-C-106D	3	100 A	15 A	2727 VA	
2	SL2 STERILIZER B-C-106D	3	100 A	15 A	2127 VA	
3	SH1 STERILIZER B-C-106D	3	250 A	125 A	72000 VA	
4	SH2 STERILIZER B-C-106D	3	250 A	125 A	72000 VA	0 DEMAND (REDUNDANT)
5	SPARE	3	100 A	100 A	0 VA	SPARE
6	SG1 STEAM GENERATOR ROOM 49C	3	400 A	300 A	180000 VA	
7	SG2 STEAM GENERATOR ROOM 49C	3	400 A	300 A	180000 VA	0 DEMAND (REDUNDANT)
8	SPACE	3	100 A		0 VA	SPACE
9	AC1 AIR COMPRESSOR ROOM 49C	3	100 A	30 A	12637 VA	
10	CW1 CART WASHER B-C-102D	3	100 A	20 A	11224 VA	
11	VW1 VISION WASHER B-C-102	3	100 A	100 A	30000 VA	3 HP BLOWER, 11 KW HEAT, + STEAM
12						
13						
14						
15						
16						
17						
18						
19						
20						
			T	otal Conn. Load:	562715 VA	
				Total Amps:	677 A	
						Panel Totals
						nn. Load: 562715 VA
						Demand: 311315 VA
						tal Conn.: 677 A
				1	Total Ect	Domand: 13/4 A

	Location: ELECTRICAL Supply From: DP9 Mounting: SURFACE Enclosure: NEMA 1	B-C-108				Volts: Phases: Wires:		20V			A.I.C. Rating: 22,000 Mains Type: MLO Mains Rating: 225 A MCB Rating: N / A					
СКТ	Circuit Description	Trip	Poles		A	E	3		С	Poles	Trip	Circuit Description	CH			
1	LIGHTING	20 A	1	777 VA	935 VA					1	20 A	LIGHTING	2			
3	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	4			
5	LIGHTING	20 A	1					825 VA	1260	1	20 A	RECEPTACLE B-C-106D	6			
7	DECEDIACIE DOA DOOM 400	20.4	2	250 VA	180 VA					1	20 A	RECEPTACLE SS1 B-C-106E	8			
9	RECEPTACLE RO1 ROOM 49C	20 A	2			250 VA	180 VA			1	20 A	RECEPTACLE SS2 B-C-106E	1			
11	RECEPTACLE RO1 ROOM 49C	20 A	1	S. W. C. Seed.				180 VA	180 VA	1	20 A	FLOOR RECEPTACLE B-C-106C	1			
13	SG1 CONTROLS ROOM 49C	20 A	1	0 VA	180 VA				100	1	20 A	FLOOR RECEPTACLE B-C-106C	1			
15	SG2 CONTROLS ROOM49C	20 A	1			0 VA	500 VA		11.00	1	20 A	OTHER DDC PANEL ROOM 49C	1			
17	RECEPTACLE ROOM 49C	20 A	1					360 VA	100 VA	1	20 A	OTHER UH-1 RM B-C-129	1			
19	RECEPTACLE B-C-102C	20 A	1	540 VA	1660					1	20 A	OTHER GLYCOL PUMPS 49C	2			
21	RECEPTACLE B-C-103D	20 A	1			720 VA	480 VA			1	20 A	OTHER	2			
23	RECEPTACLE B-C-106C	20 A	1					900 VA	0 VA	1	20 A	SPARE	2			
25	CONDENSATE PUMP CP1 CONTROL PANEL	20 A	1	1656	0 VA	7	11.11			1	20 A	SPARE	2			
27	DWH-1 RECEPT WATER TREATMENT 49C	20 A	1			180 VA	3690						2			
29	WATER SOFTENER RECEPT RM 49C	20 A	1					180 VA	3690	3	60 A	UC1 ULTRASONIC CLEANER B-C-102	3			
31	SPARE	20 A	1	0 VA	3690								3			
33	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	3.			
35	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	3			
37	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	3			
39	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	4			
41	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	4			
			otal Load:	986	8 VA	600	O VA	767	5 VA			L				
		То	tal Amps:	84	4 A	50) A	6	6 A	1						
										Т		Panel Totals				
										-		T difer Totals	-			
												Total Conn. Load: 23546 VA				
												Total Est. Demand: 24372 VA				
										Total Conn.: 65 A						
												Total Est. Demand: 68 A				

100% CONSTRUCTION DOCUMENTS **FULLY SPRINKLERED**

Building Number

Drawing Number

Author

Checker

E601



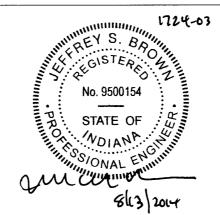
Revisions:

VA FORM 08-6231

VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805



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Approved: Project Director

Project Number 2010.00629.0005 Project Title SPS BASEMENT ADDITION ELECTRICAL SCHEDULES VA PROJECT # 610A4-12-400 2121 Lake Ave. Fort Wayne, IN 46805

08/15/2014

Office of Construction and Facilities Management

VA Department of Veterans Affairs